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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57487_P050-Biotin
Product Page	www.avivasysbio.com/als2-antibody-middle-region-biotin-arp57487-p050-biotin.html
Name	ALS2 Antibody - middle region : Biotin (ARP57487_P050-Biotin)
Protein Size (# AA)	1657 amino acids
Molecular Weight	184kDa
Conjugation	Biotin
NCBI Gene Id	57679
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Amyotrophic lateral sclerosis 2 (juvenile)
Alias Symbols	ALSJ, PLSJ, IAHSJ, ALS2CR6
Peptide Sequence	Synthetic peptide located within the following region: ALRGMSDLPPYGGSSVQRQEPPIRSRKYTFYKDPRLKDATYDGRWLSG
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene contains an ATS1/RCC1-like domain, a RhoGEF domain, and a vacuolar protein sorting 9 (VPS9) domain, all of which are guanine-nucleotide exchange factors that activate members of the Ras superfamily of GTPases. The protein functions as a guanine nucleotide exchange factor for the small GTPase RAB5. The protein localizes with RAB5 on early endosomal compartments, and functions as a modulator for endosomal dynamics. Mutations in this gene result in several forms of juvenile lateral sclerosis and infantile-onset ascending spastic paralysis. Multiple transcript variants encoding different isoforms have been found for this gene.
Protein Interactions	VCP; UBC; YWHAB;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-ALS2 (ARP57487_P050-Biotin) antibody
Blocking Peptide	For anti-ALS2 (ARP57487_P050-Biotin) antibody is Catalog# AAP57487 (Previous Catalog# AAPP41541)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ALS2
Uniprot ID	Q96Q42
Protein Name	Alsin
Protein Accession #	NP_065970
Purification	Affinity Purified
Nucleotide Accession #	NM_020919
Gene Symbol	ALS2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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